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UNITED STATES MINERAL PRODUCTS COMPANY

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November 24, 1967

Mr. Louis DiBono
Mario & DiBono Plastering Company, Inc.
370 Northern Blvd.
Great Neck, L.I., New York

Subject: World Trade Center - Further testing of CAFCO Fireproofing during cold and adverse weather conditions

Dear Lou:

This is a re-write of my November 9, 1967 letter, as requested by Tony Faranda, on the above topic, with direct reference to Jim Davis' letter of October 9, 1967 and the questions asked therein.

Let's take them, in order, as I have numbered them on the duplicate copy attached. Our replies are as follows:

1) Yes, an admixture can be added to the water which will retard and/or prevent freezing of the CAFCO. We know this can be done down to 20°F. The cost of the admixture material alone is roughly 3¢ per square foot.

2) The admixture, in our opinion, will not have an adverse effect on fire-resistance, insulating or adhesive qualities of the CAFCO.

3) This would require a series of tests.

4) This question would require a series of sophisticated tests and equipment. We have tested (report previously sent to all parties) freeze-thaw effects on the fiber mat that had initially cured.

5) These three items: humidity, fog and rain will have little effect on the spraying application, and with the type scaffolding and enclosure to be used. A weathering test report was sent.

PLAINTIFF'S EXHIBIT
PX-481

6) We see no serious problem here.

7) This question would be partially answered by the results of 3) and 4), if those tests are run. Wind effect would have to be answered by a full review of protection now planned, type of protection on scaffold, and additional testing for conditions that cannot be field controlled.

I cannot emphasize too strongly, the advantages of a meeting with all the parties involved in attendance. So many more items of importance, the human element etc, etc, could be reviewed and finalized.

Very truly yours,

UNITED STATES MINERAL PRODUCTS COMPANY

Harry S. Gropp

ESG/sq

Harry S. Gropp
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